CLAIMS:

We claim:

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1. A hatch for access to an opening in the ground or floor comprising:
a frame;

a lid having an underside and a topside, the lid rotatably attached to the frame so it may be selectively moved between a closed position and an open position; a spring support selectively connected to the underside of the lid; and at least one spring connected to the spring support, the spring including a clip arm and a spring arm, wherein the clip arm is attached to the lid, and the spring arm makes contact with the frame;

wherein the spring biases the lid toward the open position.

- 2. The hatch of claim 1 further including at least two rings located on the underside of the lid, wherein the spring support is slideably connected to the lid at the rings.
- 3. The hatch of claim 2 wherein there are three rings attached to the underside of the lid and aligned to slideably receive the spring support.
 - 4. The hatch of claim 1 wherein there is at least one rib attached to the underside of the lid, and having an aperture therein to receive the clip arm.
- 5. The hatch of claim 1 wherein a lug extends inwardly from the frame to20 guide and support the spring arm as the lid moves.
 - 6. The hatch of claim 1 further including a safety arm that is attached to the hatch, and movable from a storage position to a locking position to prevent the lid from being closed.

- 7. The hatch of claim 1 further including a latch connected to the underside of the lid.
 - 8. An hatch for access to an opening in the ground or floor comprising:
 a frame;
- a lid having an underside and a topside, the lid hingedly attached to the frame so it may be selectively moved between a closed position and an open position; a spring receptor connected to the underside of the lid; and

at least one spring connected to the spring receptor, the spring including a clip arm and a spring arm, wherein the clip arm is selectively attached to the lid, and the spring arm makes contact with the frame;

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wherein the spring biases the lid towards an open position.

- 9. The hatch of claim 8 wherein the spring is slideably connected to the spring receptor.
- 10. The hatch of claim 9 wherein the spring receptor extends from a rib attached to the underside of the lid.
 - 11. The hatch of claim 10 wherein the rib has an aperture therein to receive the clip arm.
 - 12. The hatch of claim 8 wherein a lug inwardly extends from the frame to guide and support the spring arm as the lid moves.
- 20 13. The hatch of claim 8 further including a safety arm that is selectively attached to the lid, and movable from a storage position to a locking position to prevent the lid from being closed.

- 14. The hatch of claim 8 further including a latch connected to the underside of the lid.
- 15. A spring assembly for a hatch comprised of a lid and a frame, the spring assembly comprising:
- a torsion spring having a body with a clip arm and a spring arm extending from opposite ends of the body;

wherein the spring is attached to the lid so that the spring arm only makes sliding contact with the frame as the lid moves from an open to a closed position.

- 16. The spring assembly of claim 15 wherein the spring is slideably attached to a cylinder that is connected to the lid.
 - 17. The spring assembly of claim 16 wherein the clip arm is attached to a rib extending from the lid so that the spring cannot slide off of the cylinder.
 - 18. The spring assembly of claim 15 wherein the spring is attached to a spring receptor extending from a rib attached to the lid.
 - 19. The spring assembly of claim 18 wherein the clip arm extends through a rib having an aperture, the rib attached to the lid, and the clip arm selectively fastened so that the spring cannot slide off of the spring receptor.
 - 20. The method for assembling a hatch with a frame and a lid, and having a spring assembly to assist in lifting the hatch lid, the method comprising the steps of:
- 20 (a) placing the lid in a position so that the lid underside may be accessed;

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- (b) sliding a torsion spring with a clip arm and a spring arm in engagement with a spring receptor on the lid so that the clip arm is attached to the underside of the lid, and the spring arm is adapted to slidingly contact the hatch frame.
- 21. The method of claim 20 further including the step: (c) selectively locking to the clip arm so that the spring cannot slide off of the spring receptor.

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- 22. The method of claim 21, wherein the steps (a)-(c) are performed in the order recited.
- 23. The method for assembling a hatch with a lid and a frame, and having a spring assembly having a cylinder to assist in lifting the hatch lid, the method comprising the steps of:
 - (a) attaching a clip arm of a torsion spring to the underside of the lid;
 - (b) sliding the cylinder through the spring body and through rings extending from the underside of the lid so that the spring is connected to the lid;
 - (c) placing a spring arm extending from the spring body into sliding contact with the frame.
 - 24. The method of claim 22, wherein the steps (a)-(c) are performed in the order recited.
 - 25. The method of claim 24 further including the step of selectively locking the cylinder to the lid.